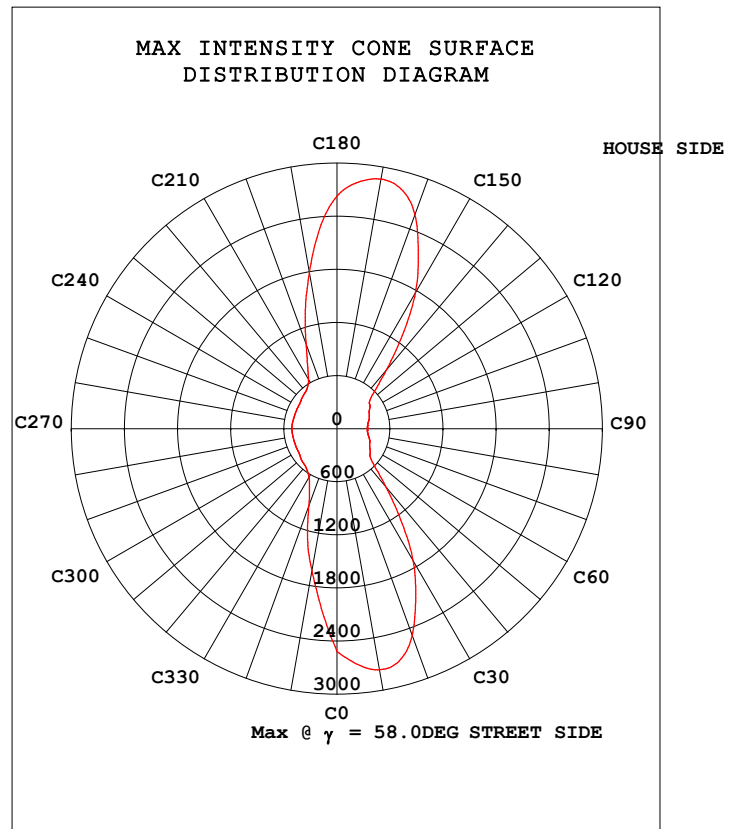
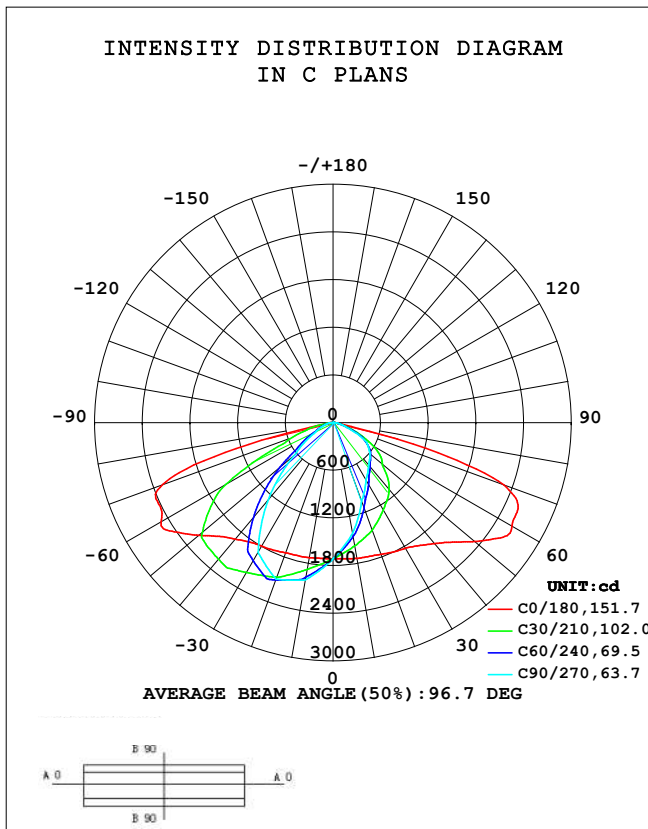


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.8V I:0.1708A P:35.99W PF:0.9544 Lamp Flux:5532.79x1 lm		
NAME: OPCITYIII-35W-4070-6C1T2M-0610	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 153.72 lm/W			
MODEL	LED	Imax (cd)	2864	η street_up (%)	0.0
NOMINAL POWER (W)	35	LOR (%)	100.0	η street_down (%)	50.5
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	5533	η house_up (%)	0.0
NOMINAL FLUX (lm)	5532.79	MAXIMUM @ (C, γ)	170,58.0	η house_down (%)	49.5
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	220	η down (%)	100.0	SLI	17.713



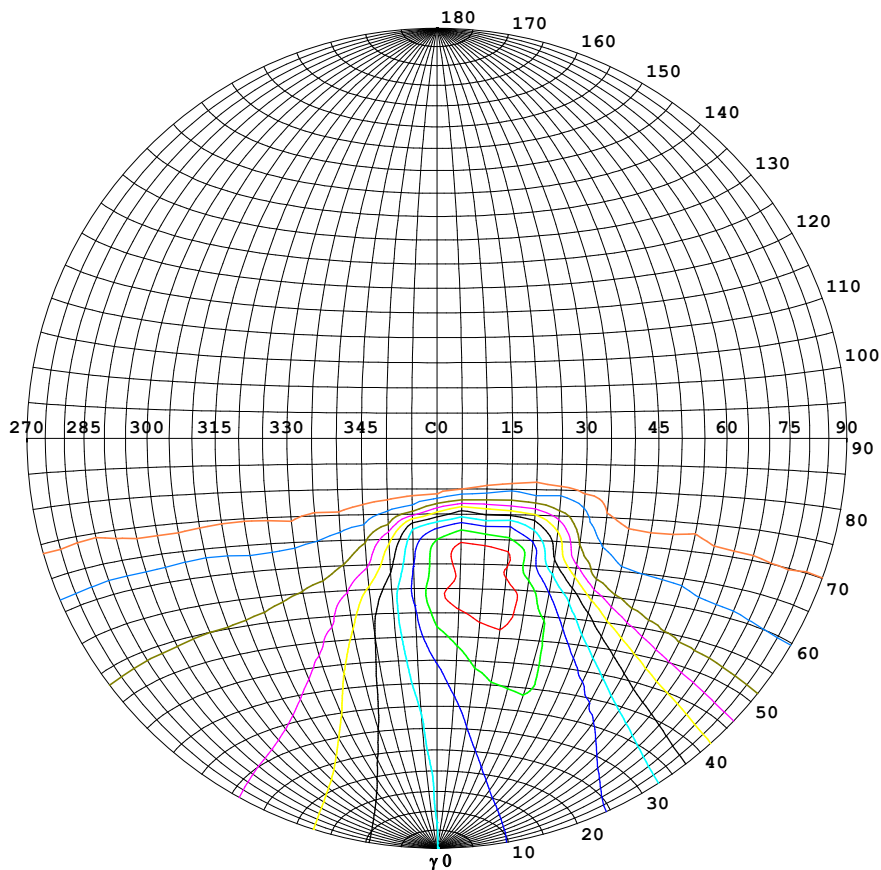
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

Note: SLI:Specific Luminaire Index

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:220.8V I:0.1708A P:35.99W PF:0.9544 Lamp Flux:5532.79x1 lm		
NAME: OPCITYIII-35W-4070-6C1T2M-0610	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:



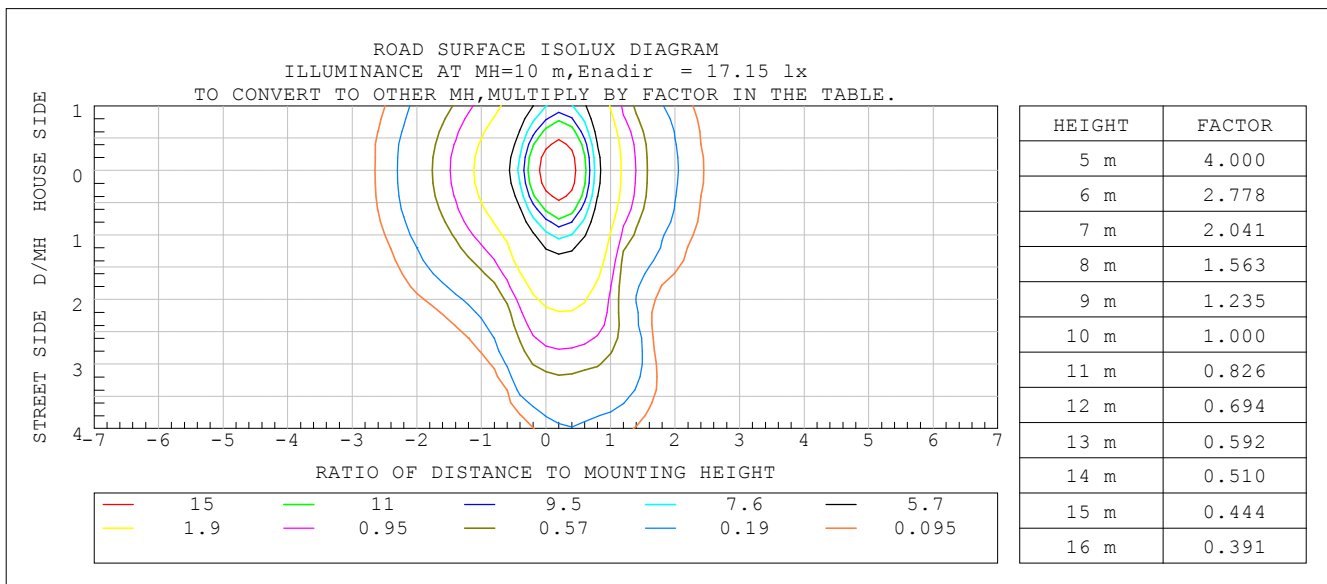
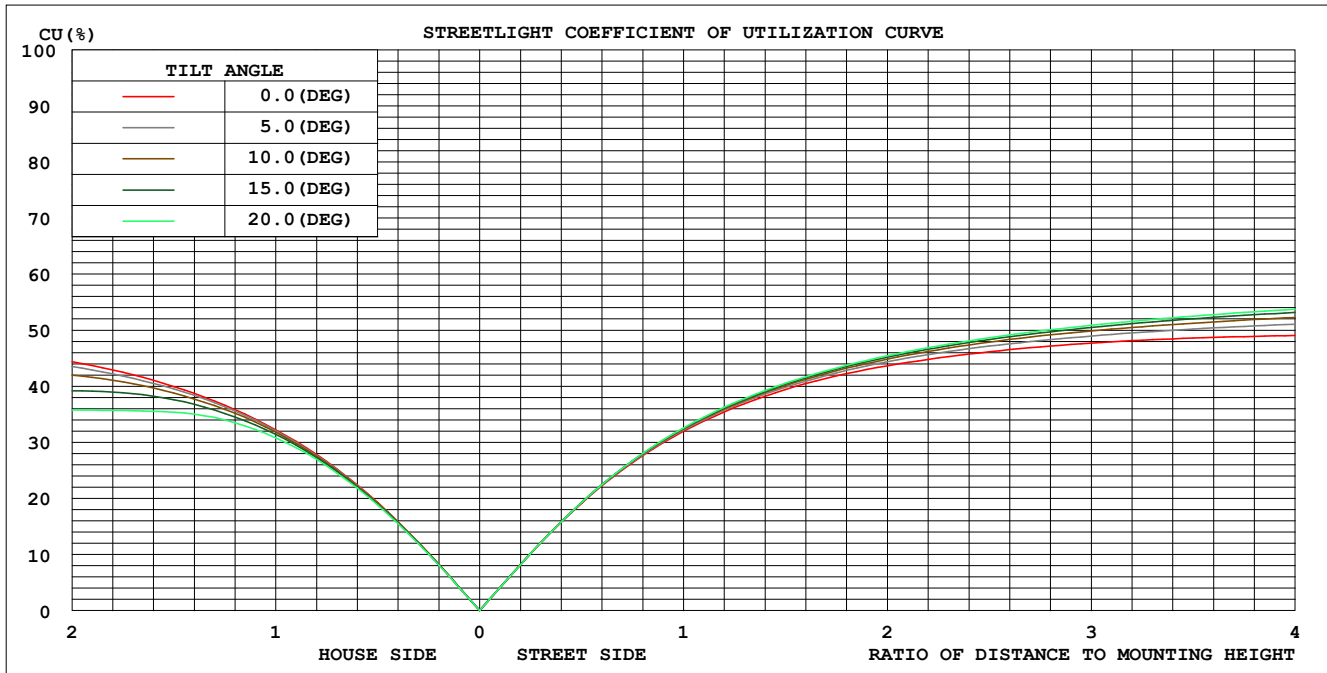
Classification:

IES:Type IV - Short
CIE:Broad - Short
IES:Cut-off
CIE:Semi-cut-off
Max.At80:45.05cd/klm
Max.At90:4.237cd/klm
Max.80-90:45.05cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	2864
90%	2578
80%	2291
70%	2005
60%	1719
50%	1432
40%	1146
30%	859
20%	573
10%	286
5%	143

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-24

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-08-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 7.370m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:220.8V I:0.1708A P:35.99W PF:0.9544 Lamp Flux:5532.79x1 lm		
NAME: OPCITYIII-35W-4070-6C1T2M-0610	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

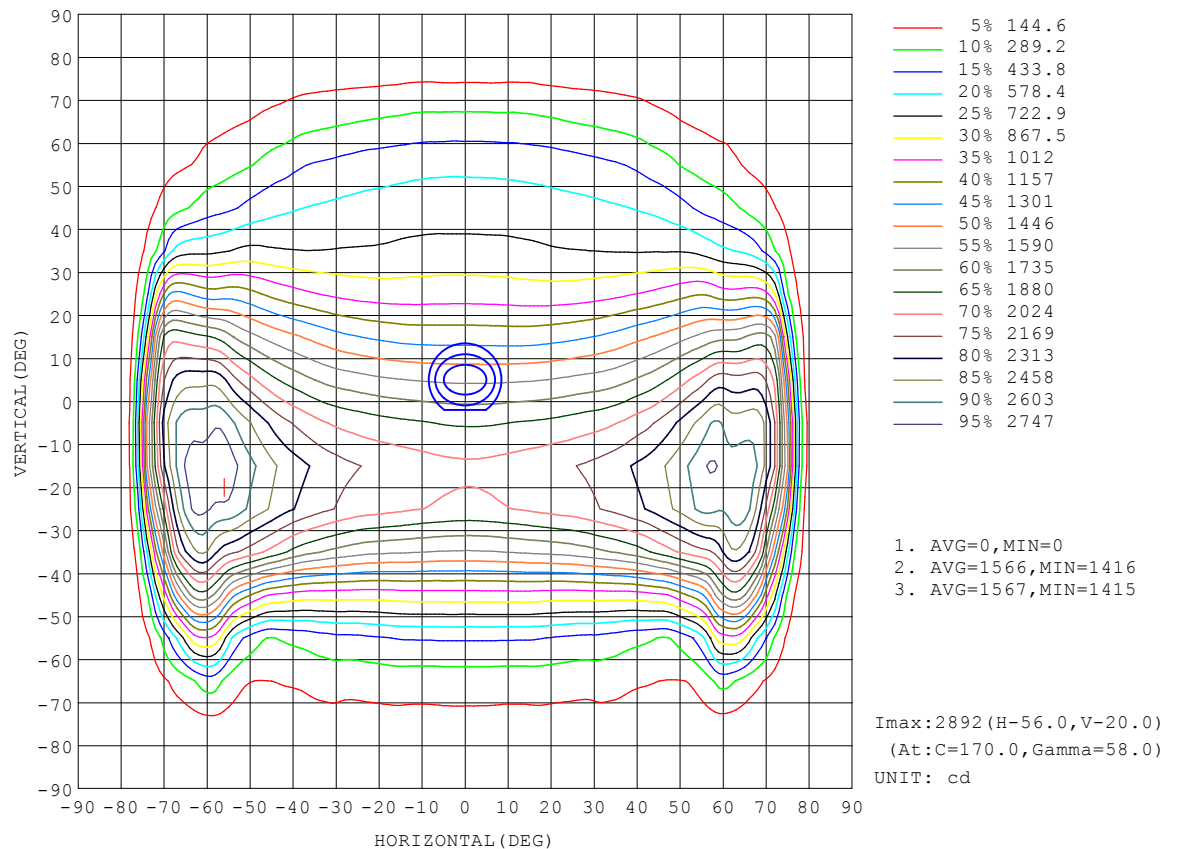
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
5	1716	1820	1863	1824	1721	1612	1566	1609	0- 5	41.02	41.02	0.74,0.74
10	1726	1933	2011	1942	1736	1509	1417	1503	5- 10	123.0	164.0	2.96,2.96
15	1733	2042	2054	2055	1745	1400	1236	1389	10- 15	203.5	367.5	6.64,6.64
20	1745	2097	2097	2110	1764	1268	1055	1251	15- 20	278.9	646.3	11.7,11.7
25	1773	2155	1992	2164	1796	1134	944.4	1109	20- 25	348.3	994.6	18,18
30	1796	2145	1887	2147	1827	1023	833.5	996.4	25- 30	408.9	1404	25.4,25.4
35	1835	2069	1579	2068	1890	909.0	766.9	889.9	30- 35	458.2	1862	33.7,33.7
40	1915	1968	1270	1970	1988	785.3	700.2	775.0	35- 40	492.0	2354	42.5,42.5
45	2027	1679	947.5	1677	2128	725.5	654.9	719.0	40- 45	510.9	2865	51.8,51.8
50	2207	1357	624.9	1352	2329	650.8	609.6	651.2	45- 50	514.9	3380	61.1,61.1
55	2404	913.8	450.2	908.6	2539	583.6	547.2	586.8	50- 55	504.8	3884	70.2,70.2
60	2501	444.6	275.6	440.5	2601	499.1	484.9	507.9	55- 60	480.9	4365	78.9,78.9
65	2422	284.0	209.7	279.9	2570	372.6	337.9	380.7	60- 65	423.9	4789	86.6,86.6
70	2282	171.8	143.9	170.0	2288	235.4	190.9	243.1	65- 70	361.5	5151	93.1,93.1
75	1263	118.1	97.97	118.4	1047	127.9	125.2	128.7	70- 75	253.5	5404	97.7,97.7
80	109.8	72.06	52.08	73.29	71.74	72.02	59.55	71.05	75- 80	97.46	5502	99.4,99.4
85	42.85	19.24	0	20.16	26.51	17.89	0	17.05	80- 85	26.89	5529	99.9,99.9
90	23.44	0	0	0	18.46	0	0	0	85- 90	4.232	5533	100,100
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-08-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:7.370m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

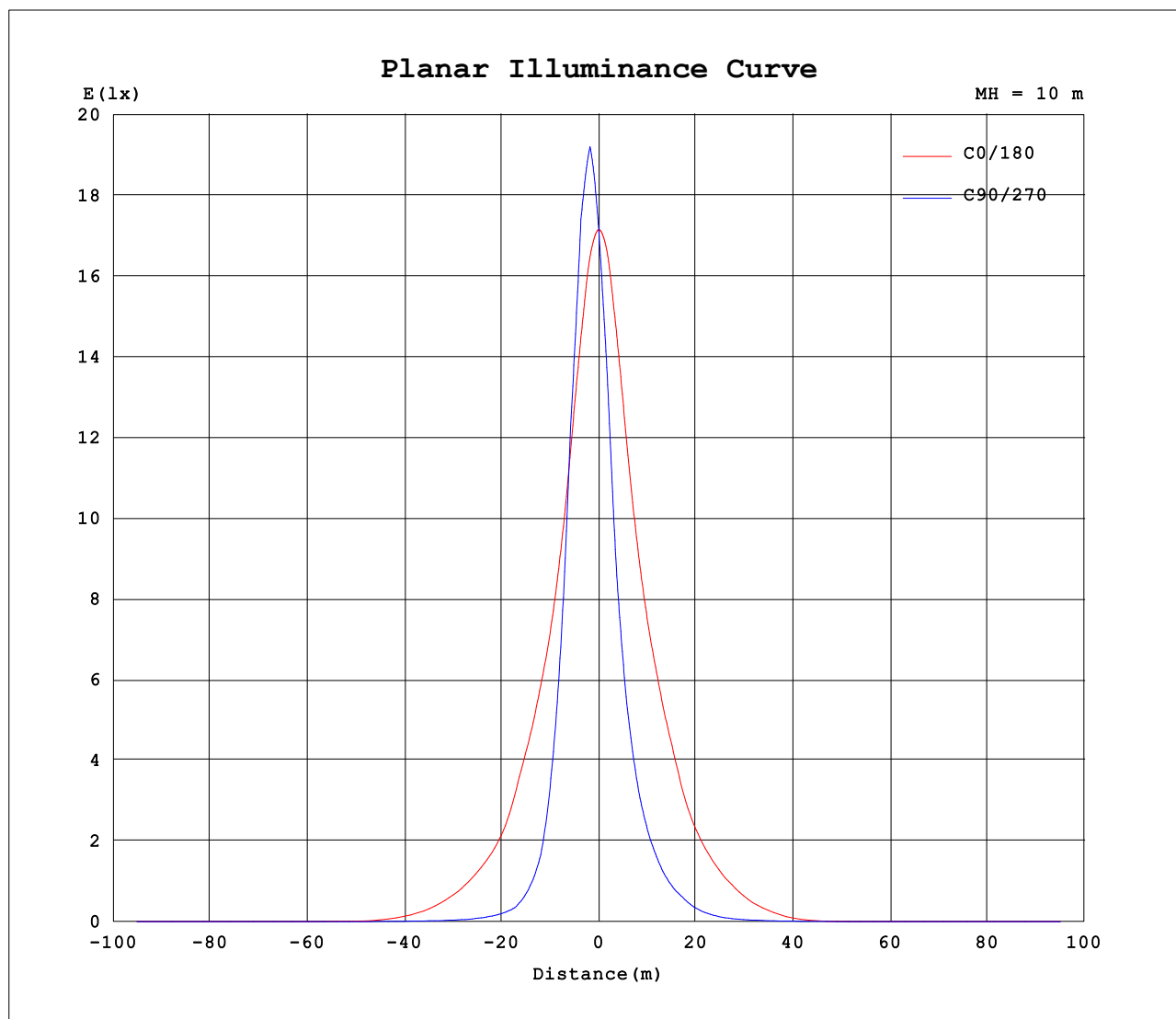
Test:U:220.8V I:0.1708A P:35.99W PF:0.9544 Lamp Flux:5532.79x1 lm		
NAME: OPCITYIII-35W-4070-6C1T2M-0610	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-24

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

Planar Illuminance Curve



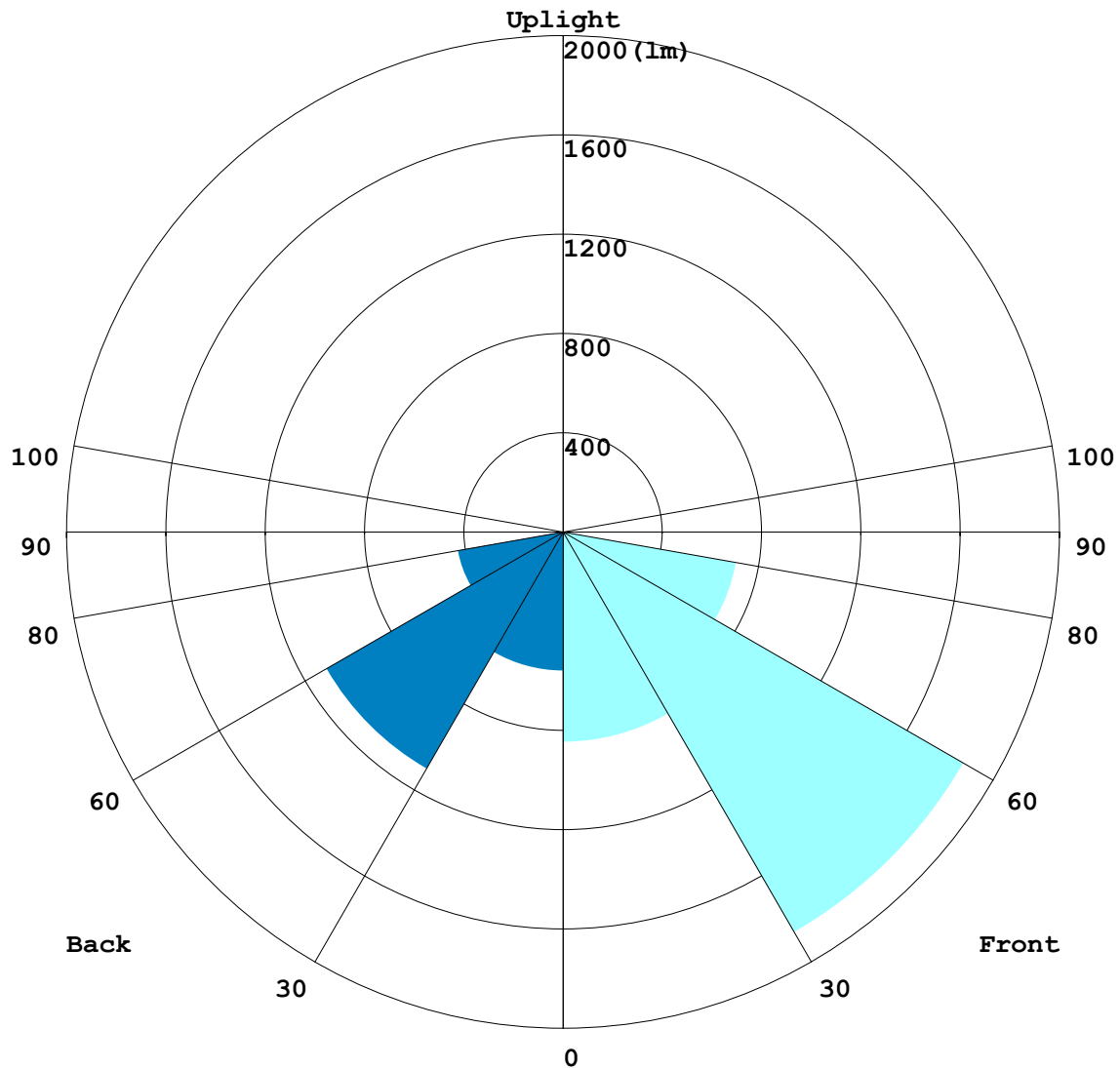
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-08-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 7.370m [K=1.0000]
Remarks:

LCS REPORT

Test:U:220.8V I:0.1708A P:35.99W PF:0.9544 Lamp Flux:5532.79x1 lm		
NAME: OPCITYIII-35W-4070-6C1T2M-0610	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

BUG REPORT

Test:U:220.8V I:0.1708A P:35.99W PF:0.9544 Lamp Flux:5532.79x1 lm		
NAME: OPCITYIII-35W-4070-6C1T2M-0610	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	845.14	15.3
FM - Front-Medium(30-60)	1861	33.6
FH - Front-High(60-80)	706.33	12.8
FVH - Front-Very High(80-90)	18.114	0.3
Total Forward Light	3430.6	62.0

BL - Back-Low(0-30)	558.44	10.1
BM - Back-Medium(30-60)	1100.7	19.9
BH - Back-High(60-80)	430.03	7.8
BVH - Back-Very High(80-90)	13.007	0.2
Total Back Light	2102.2	38.0

UL - Uplight-Low(90-100)	0	0.0
UH - Uplight-High(100-180)	0	0.0
Total Up Light	0	0.0

BUG(Back,Up,Glare) Rating	B2-U0-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2102.2	0	2102.2
Street Side	3430.6	0	3430.6

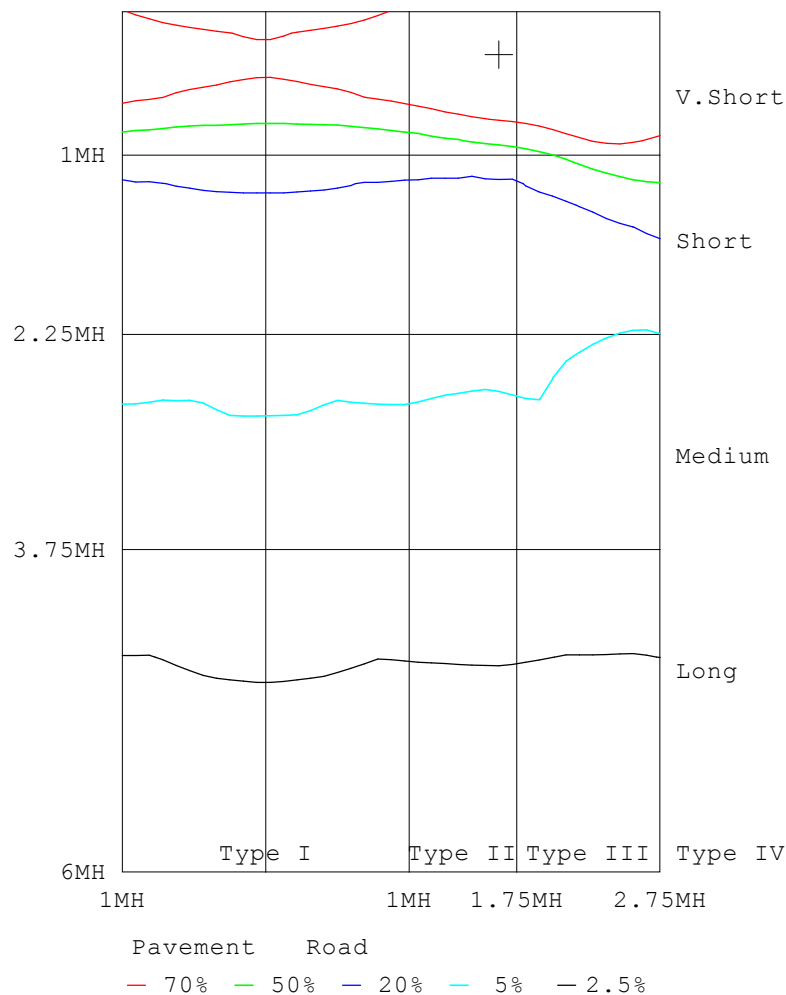
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-24

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:220.8V I:0.1708A P:35.99W PF:0.9544 Lamp Flux:5532.79x1 lm		
NAME: OPCITYIII-35W-4070-6C1T2M-0610	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-24

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```